

Work Order ID 79345

79345

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Wednesday, January 25, 2012 11:59:57 AM

Item ID: D4151-043 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Basket Fwd Hardpoint Assembly, Upper
 Start Date: 1/25/2012 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 2/3/2012 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: M.C.J. Date: 12/01/25 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| D4151 | C |

| | | |
|-----------|------------------------|------|
| 100 | | 0.00 |
| *100* | | |
| Small Fab | Memo | 0.00 |
| Small Fab | 1- Assemble as per dwg | |

| | | |
|-----------------|---|------|
| 110 | QC5- Inspect part completeness to step on W/O | 0.00 |
| *110* | | |
| QC | Memo | 0.00 |
| Quality Control | | |

| | | |
|-----------|---|------|
| 120 | Identify as per dwg & Stock Location: 134 | 0.00 |
| *120* | | |
| Packaging | Memo | 0.00 |
| Packaging | | |

12/02/21 (3)

12/02/21 (3)

12/02/21 54 (3)

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Work Order ID 79345***79345***

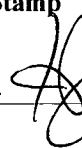
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QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|---|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 130 | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
| *130* | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

12/2/22 

012-02-22
(3)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Wednesday, January 25, 2012 12:00:01 PM

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D4151-043

Required Qty: 4.00

IPP Rev:C

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|-----------------|---------------|----------------|--------|
| D4151-3 | | Manufactured | No | | | 100 | Each | 9.0000 | 2 | 8 | | | |
| *D4151-3* | | | | | | | | | ** | | | | |
| Upper Hardpoint Plate | | | | | | | | | | | | | |
| | | | | <u>Location</u> | | | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | |
| | | | | ST134 | | | | 9 | | | | | |
| | | | | | 76305 | | | 9 | | | | | |
| D4151-7 | | Manufactured | No | | | 100 | Each | 1.0000 | 1 | 4 | | | |
| *D4151-7* | | | | | | | | | ** | | | | |
| Fwd Eyebolt Receiver (Upper) | | | | | | | | | | | | | |
| | | | | <u>Location</u> | | | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | |
| | | | | ST134 | | | | 1 | | | | | |
| | | | | | 73049 | | | 1 | | | | | |
| AN4C13A | | Purchased | No | | | 100 | Each | 28.0000 | 2 | 8 | | | |
| *AN4C13A* | | | | | | | | | ** | | | | |
| BOLT | | | | | | | | | | | | | |
| | | | | <u>Location</u> | | | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | |
| | | | | ST357 | | | | 28 | | | | | |
| | | | | | 120187 | | | 28 | | | | | |

M120423

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

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Wednesday, January 25, 2012 12:00:01 PM

Work Order ID: 79345

79345

Parent Item: D4151-043

D4151-043

Parent Item Name: Basket Fwd Hardpoint Assembly, Upper

Start Date: 1/25/2012

Required Date: 2/3/2012

Start Qty: 4.00

Required Qty: 4.00

MS21043-4 Purchased No

100 Each 1,935.000 2 8

MS21043-4

**

Nut

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| FG | 40 | |
| 104603 | 40 | |
| ST300 | 410 | |
| 118686 | 410 | |
| ST301 | 1485 | |
| 119546 | 485 | |
| 120308 | 1000 | |

NAS1149C0432R Purchased No

100 Each 3,334.000 4 16

NAS1149C0432R

**

Washer

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST297 | 3334 | |
| 117291 | 2334 | |
| 119124 | 1000 | |

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Shop Packet Print

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| W/O: | | WORK ORDER CHANGES | | | | | |
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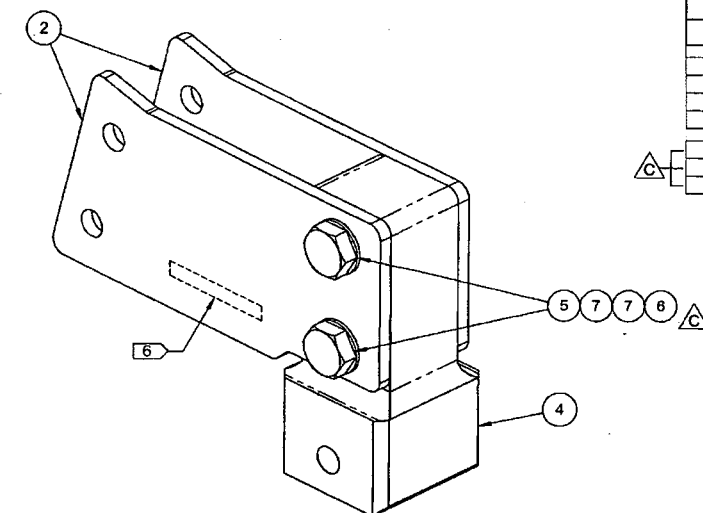
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

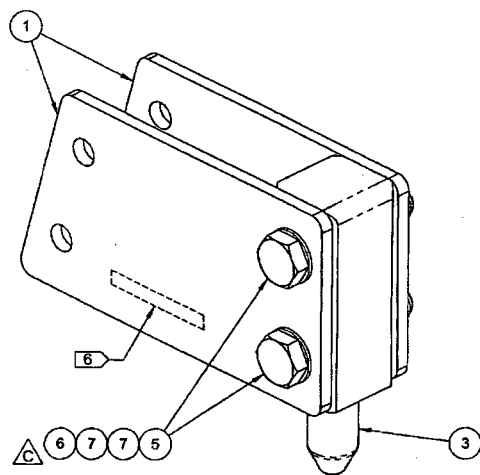
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NOTE: Date & initial all entries

| ITEM | QTY -041 | QTY -043 | P/N | DESCRIPTION |
|------|-------------|-------------|---------------|-----------------------------------|
| | X | | D4151-041 | BASKET FWD HARDPOINT ASSY (LOWER) |
| | | X | D4151-043 | BASKET FWD HARDPOINT ASSY (UPPER) |
| 1 | 2 | | D4151-1 | LOWER HARDPOINT PLATE |
| 2 | | 2 | D4151-3 | UPPER HARDPOINT PLATE |
| 3 | 1 | | D4151-5 | FWD BASKET INSTL STUD (LOWER) |
| 4 | | 1 | D4151-7 | FWD EYEBOLT RECEIVER (UPPER) |
| 5 | 2 | 2 | AN4C13A | BOLT |
| 6 | 2 | 2 | MS21043-4 | NUT |
| 7 | 4 | 4 | NAS1149C0432R | WASHER |



D4151-043 BASKET FWD HARDPOINT ASSY (UPPER)



D4151-041 BASKET FWD HARDPOINT ASSY (LOWER)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4151-04X" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT:
 - D4151-041 = 0.88 lbs
 - D4151-043 = 1.17 lbs

UNCONTROLLED COPY
STANDARD DRAWING
NO. 79345 M.L.J
12/01/25

RELEASED
2011-01-28

| | | | |
|------------|---|----|----------|
| C | AN4 HARDWARE WAS AN3 (B6-1, C3-1 & D3-1); Ø0.252 WAS Ø0.191 (C5-2, D1-2); TIGHTENED TOL ON 1.000 DIM (C5-2, D1-2, C7-3, C3-3); Ø0.250 WAS Ø0.191 (C8-3, B4-3); 1.83 WAS 1.76 (C1-2); 2.64 WAS 2.78 (B3-3) AND 1.86 WAS 1.80 (C1-3) TO PRESERVE 1.5ED. REASON: SEE D407-797 DESIGN JOURNAL. | MB | 10.12.14 |
| B | ADDED D4151-5/-7 (SHT 3); D4151-5 WAS D3911-1 (ZN B6-1 & D3-1); D4151-7 WAS D3911-3 (ZN C4-1 & D3-1) ITEMS #5, 6 & 7 REPLACE MS20815-AN20 (ZN C3-1, D3-1 & B6-1); Ø0.191 2 PL REPLACES Ø0.129 3 PL (ZN C5-2); Ø0.191 2 PL REPLACES Ø0.129 4 PL (ZN D1-2). REASON: SEE TR-D350-607-2 REV. B. | MB | 10.07.05 |
| A | NEW ISSUE | MB | 10.06.22 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | SC | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 10.12.14 | | |

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4151** REV. C
SHEET 1 OF 3
TITLE **BASKET FWD HARDPOINT** SCALE NTS

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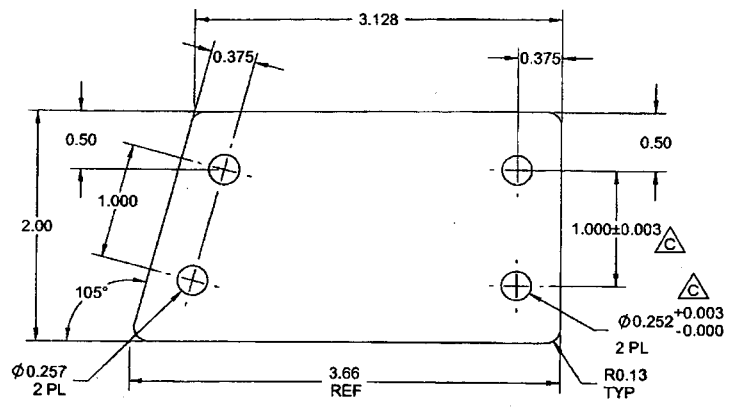
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

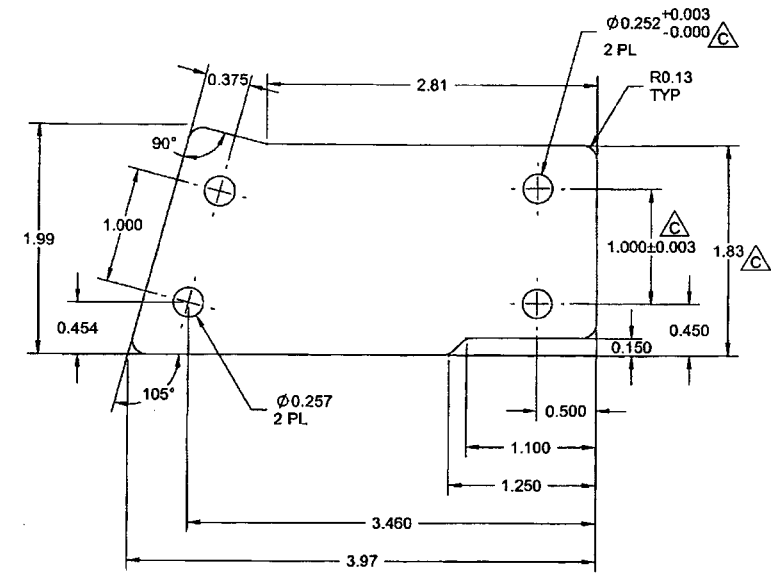
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NOTE: Date & initial all entries

79345



0.125 REF
D4151-1 LOWER HARDPOINT PLATE



0.125 REF
D4151-3 UPPER HARDPOINT PLATE

- NOTES:
- 1) MATERIAL: 303/304/316 STAINLESS STEEL SHEET ANNEALED 2B, 0.125 THK
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240
REF. DART SPEC. M304S11GA OR M303S11GA
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY AT ASSEMBLY
 - 7) WEIGHT:
- D4151-1 = 0.24 lbs
- D4151-3 = 0.23 lbs

| | | | |
|--|----------|--|--------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | SC | DRAWING NO. | REV. C |
| MFG. APPR. | | D4151 | SHEET 2 OF 3 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | BASKET FWD HARDPOINT | NTS |
| DATE | 10.12.14 | COPYRIGHT © 2010 BY DART AEROSPACE LTD | |
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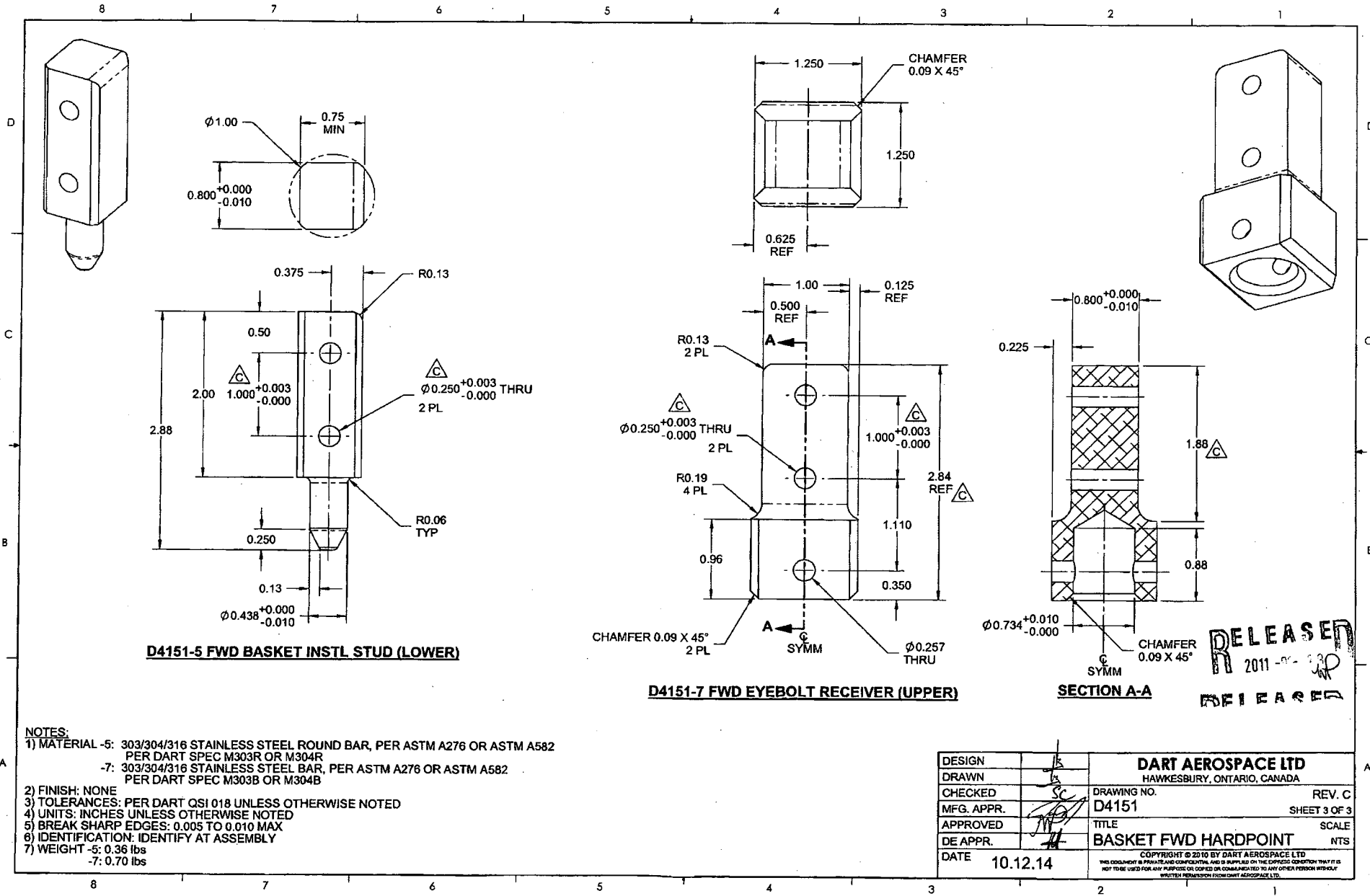
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